

INTERNATIONAL SEARCH REPORT

Inter. Application No.

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 H01J9/02 H01J1/304

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 HO1J

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ, WPI Data, INSPEC, COMPENDEX

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5 973 444 A (XU ET AL) 26 October 1999 (1999-10-26)	1,3-5, 12,14, 16,18, 25-27,32
Y	column 11, lines 23-35 column 19, lines 48-67 column 16, lines 41-44; figures 4,5 column 9, lines 27-61 column 14, lines 32-42 column 18, lines 34-67; figure 10 column 15, line 60 - column 16, line 10; figure 4	2,6-11, 13,15, 17-21, 23,24, 28-31
	the whole document	-----
		-/-

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

• Special categories of cited documents:

- *A* document defining the general state of the art which is not considered to be of particular relevance
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 - *[&] document member of the same patent family

Date of the actual completion of the international search 31 August 2005	Date of mailing of the international search report 04/10/2005
Name and mailing address of the ISA European Patent Office, F.B. 5316 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl. Fax: (+31-70) 340-3016	Authorized officer Meyer, J

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Int	onal Application No
PCT/FR2004/050632	

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
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Y	EP 0 951 047 A (CANON KABUSHIKI KAISHA) 20 October 1999 (1999-10-20) paragraph '0025! -----	2, 10, 13, 29, 30
Y	US 5 559 389 A (SPINDT ET AL) 24 September 1996 (1996-09-24) column 1, lines 60-67 column 6, lines 5-32 column 9, lines 6-22 column 8, lines 5-8 -----	6-9, 18, 20, 21, 23, 28, 31
Y	WO 99/23680 A (COMMISSARIAT A L'ENERGIE ATOMIQUE; PERRIN, AIME; MONTMAYEUL, BRIGITTE;) 14 May 1999 (1999-05-14) claim 8 -----	6-9, 18, 28, 31
Y	US 6 465 132 B1 (JIN SUNGHO) 15 October 2002 (2002-10-15) column 2, lines 31-49 column 10, lines 32-56 -----	6-9, 28, 31
Y	US 2003/143398 A1 (OHKI HIROSHI ET AL) 31 July 2003 (2003-07-31) paragraphs '0170!, '0163! -----	11, 15, 24
Y	DAVYDOV D N ET AL: "Field emitters based on porous aluminum oxide templates" JOURNAL OF APPLIED PHYSICS, AMERICAN INSTITUTE OF PHYSICS. NEW YORK, US, vol. 86, no. 7, 1 October 1999 (1999-10-01), pages 3983-3987, XP012048750 ISSN: 0021-8979 page 3983, right-hand column, paragraph 4 - page 3984, right-hand column, paragraph 1 -----	19

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Information on patent family members

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